

CIA/OSR /MEMO PA 750225 ESTIMATED DOLLAR COST OF THE SOVIET

ABM PROGRAM

FEB 75

SECRET

01 OF 01

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PC 142-75

25 February 1975

OSR No. 1817

CIA/OSR / MEMO PA 750225

MEMORANDUM FOR: Colonel John V. Hemler
Net Technical Assessment, ODDR&E
Department of Defense

SUBJECT : Estimated Dollar Cost of the
Soviet ABM Program

1. We have looked further into the task of recovering detailed estimates of the dollar investment costs for Soviet ABM programs. The results we are able to provide at this time are attached--a detailed body of cost data from the OSR estimate for the 1960-74 period and summary cost and order-of-battle data for the forces projected in NIE 11-3/8-74.

2. The detailed component breakdown for the Moscow ABM system through 1974 is presented as you requested. These estimated dollar costs represent the cost of producing similar systems in the US. The costs shown for the major components of the Moscow ABM system indicate the number procured in that year (NO.) and the dollar cost expressed in 1973 prices (COST). These dollar estimates do not include military RDT&E, nuclear weapons and operating costs.

3. The costs for the phased-array radars include the costs for procurement of electronic hardware and construction facilities associated with these radars on a per face basis--one transmitter and one receiver unit. The Dog House and [REDACTED] because they consist of two receivers and two transmitters, appear as two elements in the procurement (NO.) line.

4. The cost data supporting NIE 11-3/8-74 is not readily available in the detail you requested and to prepare it would be quite expensive. If, after

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(2)

Date impossible to determine

studying the attached information, you find you need more detailed data for the NIE forces, let us know and we can discuss the possibility of providing additional information.



Chief
Programs Analysis Division, OSR

Attachment:

As stated. (TCS 889093-74/7)

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OSR/PA/C: [REDACTED]

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Estimated Dollar Cost of Investment For the OBR Estimate of the ABM System as Moscow*
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 (Million 1975 Dollars)

Attachment 1

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
Galosh Missiles															
No:							20	20	20	10	10	10	6		
Cost:							44	41	39	19	19	18	11		
Launchers and GSE															
No:							24	23	8						
Cost:						5	20	20	5						
Moscow Facilities															
Cost:		19	7	10	4	11	23	16	1						
Moscow Msl. Spt. Eq.															
Cost:							3	6	3						
Men House Radar															
No:							2		2		1	2	1		
Cost:				6	15	31	34	34	31	35	40	31	17	17	28
Dog House Radar															
No:								1			1				
Cost:			3	7	76	87	75	125	55	55	55				
Chernov Radar															
No:															
Cost:											6	22	33	49	72
Lrg. Try Add Radar															
No:							3	2	2	1					
Cost:				4	7	39	36	28	17	3					
Small Trv Radar															
No:							6	4	4	2					5
Cost:				3	5	13	12	7	3	1					
Type 5 Radar Calibration Satellites															
Cost	5	5	5	15	25	25	25	40	45	75	75	70	70	70	75

*Excludes Costs of Nuclear Weapons

Estimated Dollar Cost of Investment for Alternative Projections of the ABM
System at Moscow in NIE 11-3/8-74*
(Million 1973 Dollars)

	1975	1976	1977	1978	1979	1980	1981	1982
Force 1&2	30	85	120	140	145	120	110	100
Force 3	60	110	130	160	190	150	80	30
Force 4	130	200	235	230	145	60	30	20

*Excludes costs of nuclear weapons

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